

Snowmass Contributed Papers

Contributed Papers

<https://snowmass21.org/submissions/start>

These pages provide an index to contributed papers submitted to the Snowmass 2021 Proceedings. These papers may include documents on specific scientific areas, technical articles presenting new results on relevant physics topics, and reasoned expressions of physics priorities, including those related to community involvement.

The deadline for a contributed paper is July 31, 2021.

Contributed papers will remain part of the permanent record of Snowmass 2021. More ephemeral articles, including the 2-page “Letters of Interest”, should be presented through a different process, [explained here](#). Lols are not required to submit contributed papers.

Instructions for submitting to the Snowmass Proceedings

To submit a paper to the proceedings:

1. Post it on the arXiv in the appropriate subject class. Write in the Comments box of the arXiv submission: “contribution to Snowmass 2021”. The paper is strongly encouraged to start with an Executive Summary. A long paper without an Executive Summary will not be effective.
2. Send an email to the proceedings editor Michael Peskin announcing your contribution and asking that it be included in the index above. For interdisciplinary articles, it is permissible to request links on two or more different frontier pages.
 - Email to: mpeskin AT slac.stanford.edu, glennap AT slac.stanford.edu
 - Subject line: “contribution to Snowmass 2021”.
3. An alternative method is to fill out the form at

[Submission form](#)

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NF06 Contributed Papers

- NF06-related Contributed/White Paper(s) will form the basis of NF06 contribution to the Final Neutrino Frontier report and the Final Snowmass report.
- There is uncertainty on the timeline at the moment, more likely will have more clarity by the end of January 2021.

ELECTRON SCATTERING AND NEUTRINO PHYSICS: A SNOWMASS
WHITE PAPER
NF06 CONTRIBUTED PAPER TO SNOWMASS 2021

Future Workshop:
Low Energy Neutrinos and
Electron Scattering

Parity-Violating Electron
Scattering (PVES)
[Polarized Electron Beams]



Coherent Elastic Neutrino-
Nucleus Scattering (CEvNS)

Low Energy Inelastic Neutrino
- Nucleus Scattering
(Stopped-pion/Supernova/
Solar Neutrinos)



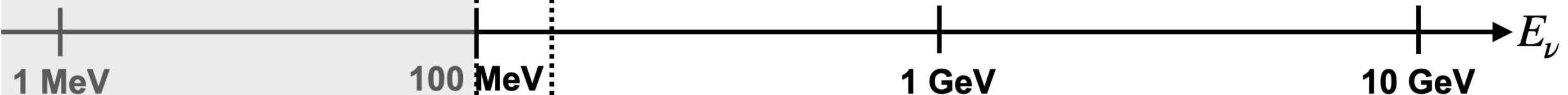
Low Energy Electron-
Nucleus Scattering

This Workshop: Electron Scattering Workshop

Electron-Nucleus Scattering Physics



Accelerator Based Neutrino Oscillation Physics



ELECTRON SCATTERING AND NEUTRINO PHYSICS: A SNOWMASS WHITE PAPER

NF06 CONTRIBUTED PAPER TO SNOWMASS 2021

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<https://www.overleaf.com/4212219177vsnmhzfkmftfg>

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- ◆ Community driven White Paper.
- ◆ Discussion on the table of contents and scope of this White Paper.
- ◆ Solicit names to take on editorial ownership of sections.